

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090321\
 Data File : VN068411.D
 Acq On : 3 Sep 2021 16:45
 Operator : JC/MD
 Sample : M3644-05
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
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Manual Integrations
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Quant Time: Sep 04 03:12:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\624N090321W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Fri Sep 03 13:24:01 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	7.665	128	96116	30.000	ug/l	0.00
28) 1,4-Difluorobenzene	8.971	114	500857	30.000	ug/l	# 0.00
57) Chlorobenzene-d5	11.749	117	427792	30.000	ug/l	# 0.00
System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	8.442	65	192155	33.721	ug/l	0.00
Spiked Amount	30.000	Range	91 - 110	Recovery	=	112.400%#
60) 4-Bromofluorobenzene	12.733	95	159469	26.323	ug/l	0.00
Spiked Amount	30.000	Range	63 - 112	Recovery	=	87.733%
63) Toluene-d8	10.446	98	592665	31.110	ug/l	0.00
Spiked Amount	30.000	Range	91 - 112	Recovery	=	103.700%
Target Compounds						Qvalue
18) Methylene Chloride	5.109	84	3948m	0.752	ug/l	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

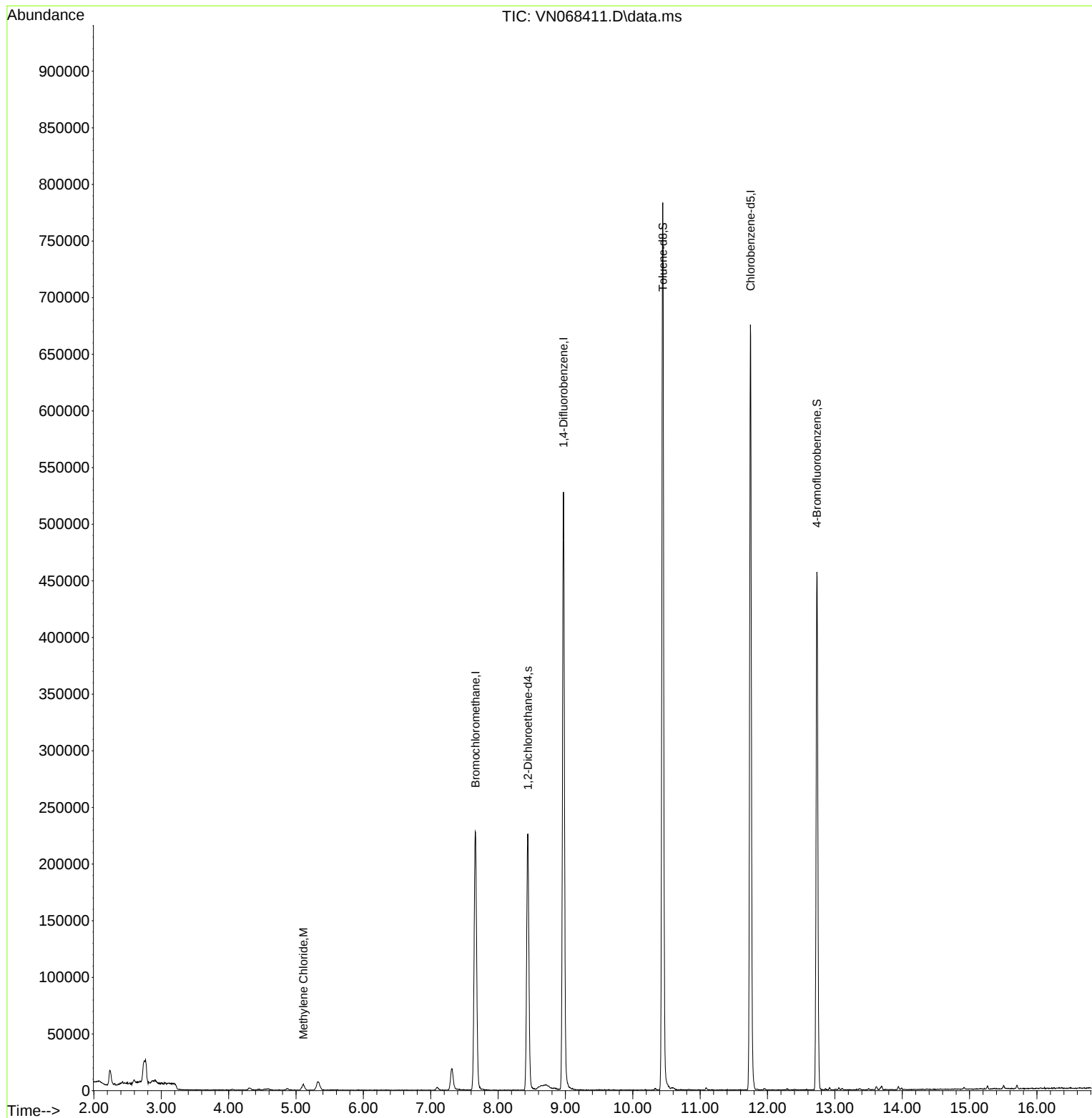
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN090321\
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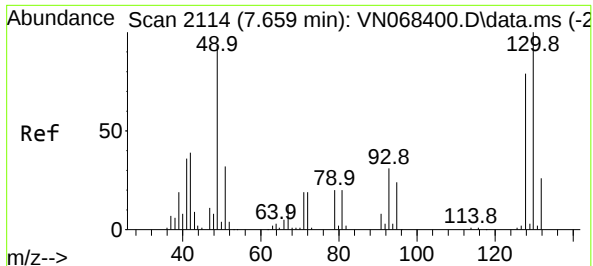
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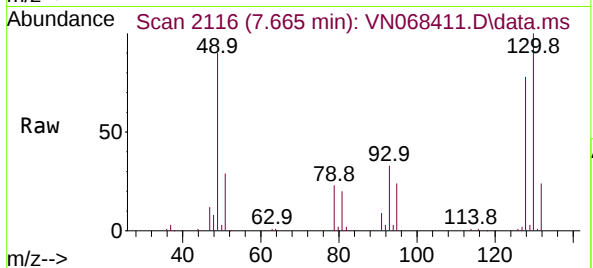
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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Sep 03 13:24:01 2021
Response via : Initial Calibration





#1
Bromochloromethane
Concen: 30.000 ug/l
RT: 7.665 min Scan# 2116
Delta R.T. 0.006 min
Lab File: VN068411.D
Acq: 3 Sep 2021 16:45

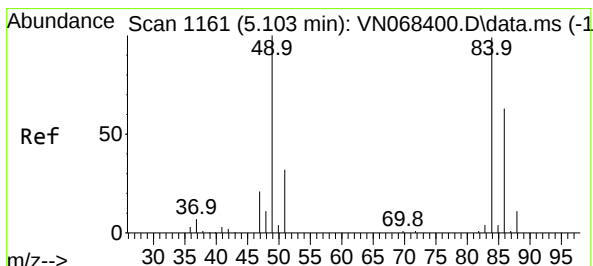
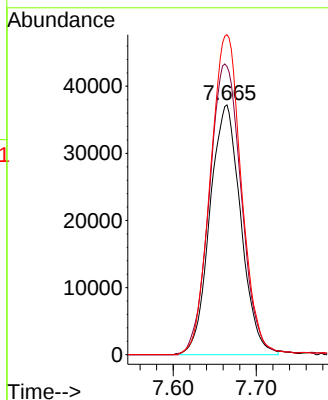
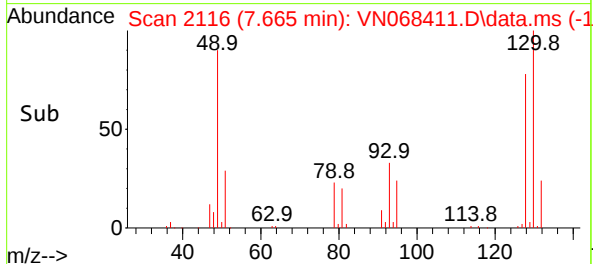
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK



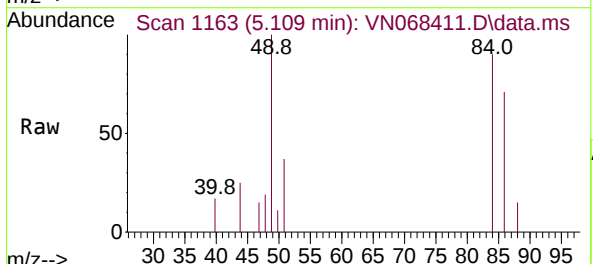
Tgt Ion:128 Resp: 96116
Ion Ratio Lower Upper
128 100
49 120.6 0.0 517.5
130 129.0 0.0 325.8

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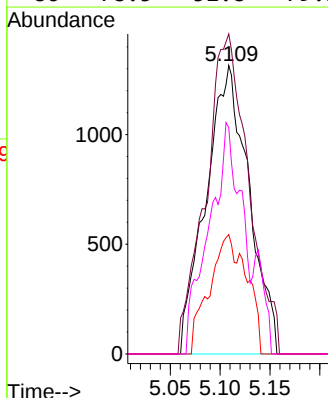
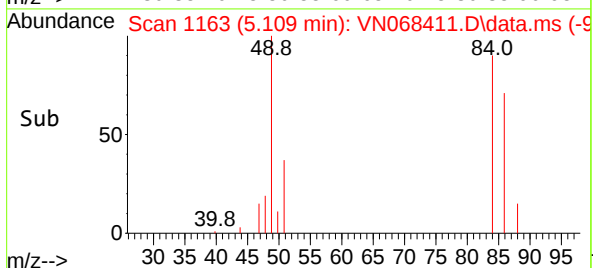
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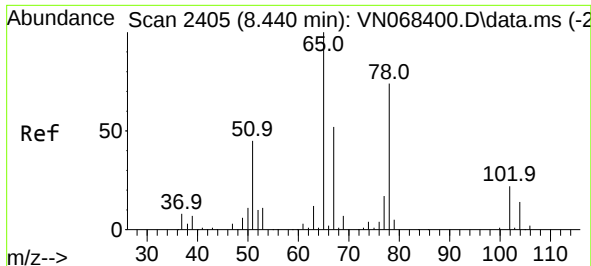


#18
Methylene Chloride
Concen: 0.752 ug/l m
RT: 5.109 min Scan# 1163
Delta R.T. 0.006 min
Lab File: VN068411.D
Acq: 3 Sep 2021 16:45



Tgt Ion: 84 Resp: 3948
Ion Ratio Lower Upper
84 100
49 111.0 110.9 166.3
51 41.4 31.2 46.8
86 78.5 52.8 79.2





#27

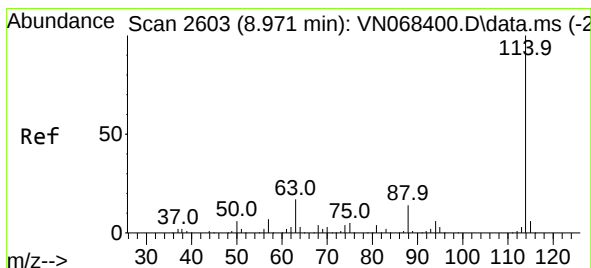
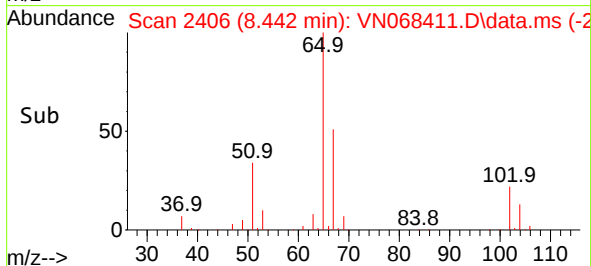
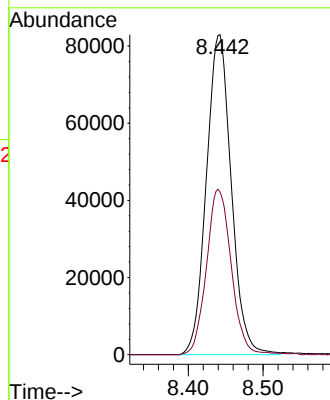
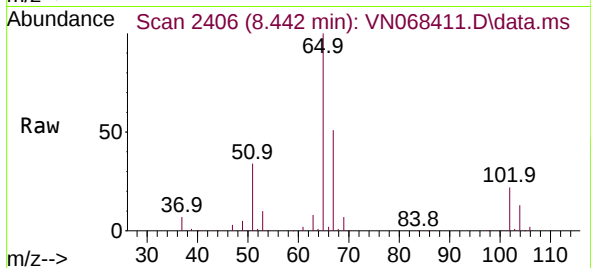
1,2-Dichloroethane-d4
Concen: 33.721 ug/l
RT: 8.442 min Scan# 2406
Delta R.T. 0.003 min
Lab File: VN068411.D
Acq: 3 Sep 2021 16:45

Tgt Ion: 65 Resp: 192155
Ion Ratio Lower Upper
65 100
67 51.1 39.8 59.8

Instrument :
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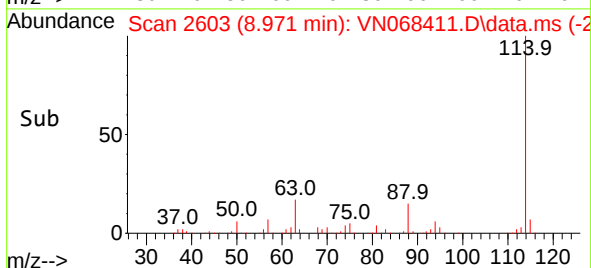
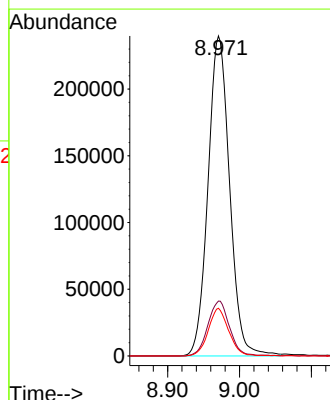
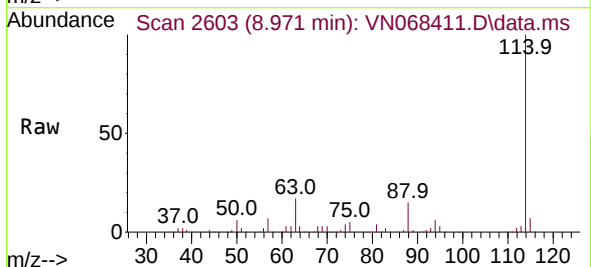
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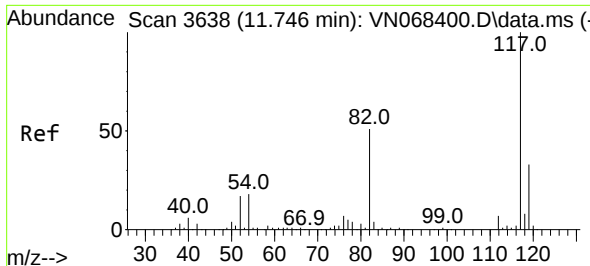


#28

1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 8.971 min Scan# 2603
Delta R.T. 0.000 min
Lab File: VN068411.D
Acq: 3 Sep 2021 16:45

Tgt Ion: 114 Resp: 500857
Ion Ratio Lower Upper
114 100
63 17.1 20.3 30.5#
88 14.1 14.6 22.0#





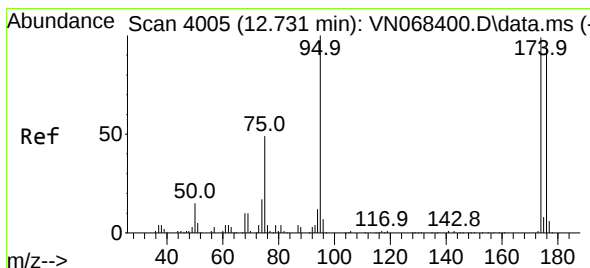
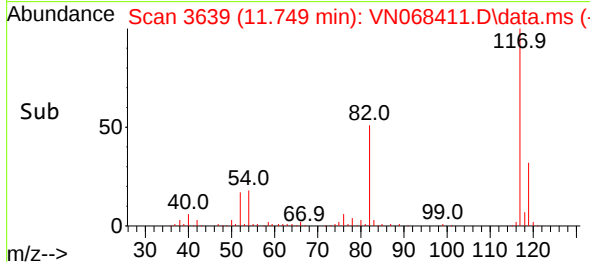
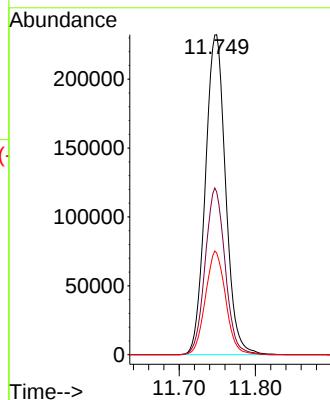
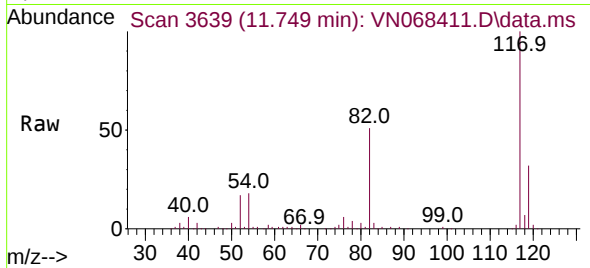
#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 11.749 min Scan# 3639
Delta R.T. 0.003 min
Lab File: VN068411.D
Acq: 3 Sep 2021 16:45

Tgt Ion: 117 Resp: 427792
Ion Ratio Lower Upper
117 100
82 51.6 52.5 78.7#
119 32.4 25.8 38.8

Instrument :
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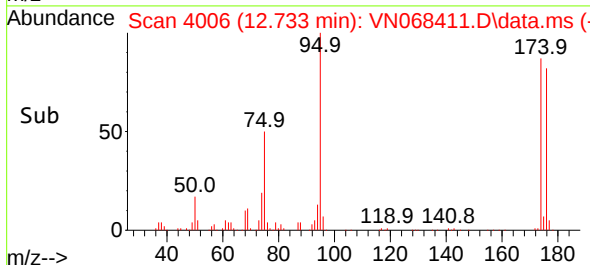
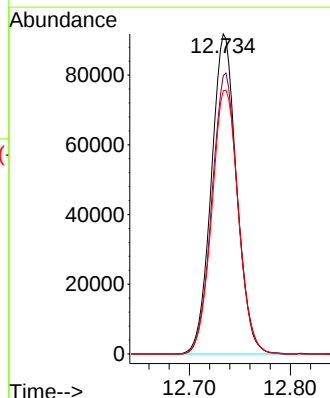
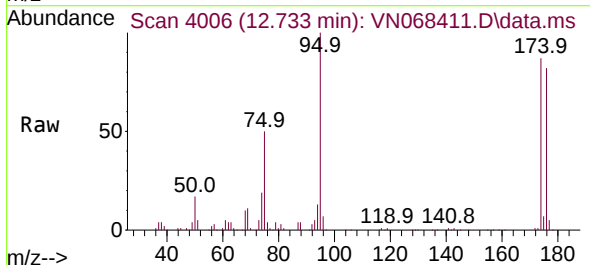
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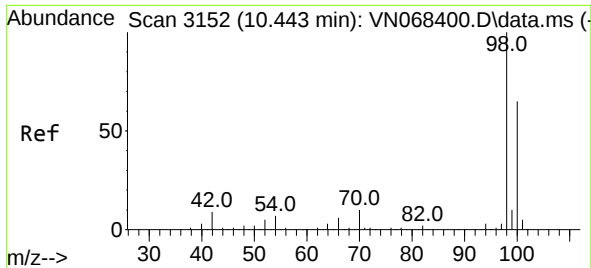
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#60
4-Bromofluorobenzene
Concen: 26.323 ug/l
RT: 12.733 min Scan# 4006
Delta R.T. 0.003 min
Lab File: VN068411.D
Acq: 3 Sep 2021 16:45

Tgt Ion: 95 Resp: 159469
Ion Ratio Lower Upper
95 100
174 90.0 47.7 71.5#
176 86.2 45.7 68.5#





#63
Toluene-d8
Concen: 31.110 ug/l
RT: 10.446 min Scan# 3153
Delta R.T. 0.003 min
Lab File: VN068411.D
Acq: 3 Sep 2021 16:45

Tgt Ion: 98 Resp: 592665
Ion Ratio Lower Upper
98 100
100 63.8 51.2 76.8

Instrument :
MSVOA_N
ClientSampleId :
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